Silvia Parolini

List of Publications by Year
in descending order

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64 papers	6,423 citations	109321 35 h-index	114465 63 g-index
65 all docs	65 docs citations	65 times ranked	7332 citing authors

#	Article	IF	Citations
1	Identification and Molecular Characterization of Nkp30, a Novel Triggering Receptor Involved in Natural Cytotoxicity Mediated by Human Natural Killer Cells. Journal of Experimental Medicine, 1999, 190, 1505-1516.	8.5	664
2	X-Linked Lymphoproliferative Disease. Journal of Experimental Medicine, 2000, 192, 337-346.	8.5	438
3	NKp44, A Triggering Receptor Involved in Tumor Cell Lysis by Activated Human Natural Killer Cells, Is a Novel Member of the Immunoglobulin Superfamily. Journal of Experimental Medicine, 1999, 189, 787-796.	8.5	396
4	Identification of a subset of human natural killer cells expressing high levels of programmed death 1: AÂphenotypic and functional characterization. Journal of Allergy and Clinical Immunology, 2017, 139, 335-346.e3.	2.9	379
5	The role of chemerin in the colocalization of NK and dendritic cell subsets into inflamed tissues. Blood, 2007, 109, 3625-3632.	1.4	336
6	NK cells at the interface between innate and adaptive immunity. Cell Death and Differentiation, 2008, 15, 226-233.	11.2	291
7	Gntb-A, a Novel Sh2d1a-Associated Surface Molecule Contributing to the Inability of Natural Killer Cells to Kill Epstein-Barr Virusâ€"Infected B Cells in X-Linked Lymphoproliferative Disease. Journal of Experimental Medicine, 2001, 194, 235-246.	8.5	287
8	Human natural killer cell receptors and coâ€receptors. Immunological Reviews, 2001, 181, 203-214.	6.0	273
9	2B4 functions as a co-receptor in human NK cell activation. European Journal of Immunology, 2000, 30, 787-793.	2.9	202
10	Identification of NKp80, a novel triggering molecule expressed by human NK cells. European Journal of Immunology, 2001, 31, 233-242.	2.9	185
11	Early expression of triggering receptors and regulatory role of 2B4 in human natural killer cell precursors undergoing in vitro differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4526-4531.	7.1	174
12	Inherited DOCK2 Deficiency in Patients with Early-Onset Invasive Infections. New England Journal of Medicine, 2015, 372, 2409-2422.	27.0	169
13	IL-21 induces both rapid maturation of human CD34+ cell precursors towards NK cells and acquisition of surface killer Ig-like receptors. European Journal of Immunology, 2003, 33, 3439-3447.	2.9	166
14	A novel primary human immunodeficiency due to deficiency in the WASP-interacting protein WIP. Journal of Experimental Medicine, 2012, 209, 29-34.	8.5	158
15	B7-H6-mediated downregulation of NKp30 in NK cells contributes to ovarian carcinoma immune escape. OncoImmunology, 2015, 4, e1001224.	4.6	137
16	Innate immunity defects in Hermansky-Pudlak type 2 syndrome. Blood, 2006, 107, 4857-4864.	1.4	136
17	CD94 functions as a natural killer cell inhibitory receptor for different HLA class I alleles: identification of the inhibitory form of CD94 by the use of novel monoclonal antibodies. European Journal of Immunology, 1996, 26, 2487-2492.	2.9	130
18	Impaired natural and CD16-mediated NK cell cytotoxicity in patients with WAS and XLT: ability of IL-2 to correct NK cell functional defect. Blood, 2004, 104, 436-443.	1.4	130

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19	IL-12 or IL-4 Prime Human NK Cells to Mediate Functionally Divergent Interactions with Dendritic Cells or Tumors. Journal of Immunology, 2005, 174, 3992-3998.	0.8	117
20	Basic Fibroblast Growth Factorâ€“Induced Angiogenic Phenotype in Mouse Endothelium. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 454-464.	2.4	108
21	Involvement of natural cytotoxicity receptors in human natural killer cell-mediated lysis of neuroblastoma and glioblastoma cell lines. Journal of Neuroimmunology, 2000, 107, 220-225.	2.3	103
22	The leukocyte Ig-like receptor (LIR)-1 for the cytomegalovirus UL18 protein displays a broad specificity for different HLA class I alleles: analysis of LIR-1+ NK cell clones. International Immunology, 1999, 11, 29-35.	4.0	98
23	Severe impairment of IFN-Î³ and IFN-Î± responses in cells of a patient with a novel STAT1 splicing mutation. Blood, 2011, 118, 1806-1817.	1.4	84
24	Selective cross-talk among natural cytotoxicity receptors in human natural killer cells. European Journal of Immunology, 2003, 33, 1235-1241.	2.9	77
25	CD59 is physically and functionally associated with natural cytotoxicity receptors and activates human NK cell-mediated cytotoxicity. European Journal of Immunology, 2003, 33, 3367-3376.	2.9	77
26	Exome sequencing reveals a pallidin mutation in a Hermansky-Pudlakâ€“like primary immunodeficiency syndrome. Blood, 2012, 119, 3185-3187.	1.4	76
27	Triggering receptors involved in natural killer cell-mediated cytotoxicity against choriocarcinoma cell lines. Human Immunology, 2000, 61, 1055-1058.	2.4	71
28	Clinical, laboratory and molecular signs of immunodeficiency in patients with partial oculo-cutaneous albinism. Orphanet Journal of Rare Diseases, 2013, 8, 168.	2.7	70
29	Defective natural killerâ€“cell cytotoxic activity in NFKB2-mutated CVID-like disease. Journal of Allergy and Clinical Immunology, 2015, 135, 1641-1643.e3.	2.9	68
30	Reduced thymic output, increased spontaneous apoptosis and oligoclonal B cells in polyethylene glycol-adenosine deaminase-treated patients. European Journal of Immunology, 2005, 35, 3376-3386.	2.9	59
31	Impaired natural killer cell functions in patients with signal transducer and activator of transcription 1 (STAT1) gain-of-function mutations. Journal of Allergy and Clinical Immunology, 2017, 140, 553-564.e4.	2.9	58
32	Novel insights from adaptor protein 3 complexÂdeficiency. Journal of Allergy and Clinical Immunology, 2007, 120, 735-741.	2.9	51
33	Killer cell immunoglobulin-like receptor expression delineatesin situSÃ©zary syndrome lymphocytes. Journal of Pathology, 2003, 199, 77-83.	4.5	47
34	Linker for Activation of T Cells (LAT), a Novel Immunohistochemical Marker for T Cells, NK Cells, Mast Cells, and Megakaryocytes. American Journal of Pathology, 1999, 154, 1037-1046.	3.8	46
35	Natural Killer Cells from Patients with Recombinase-Activating Gene and Non-Homologous End Joining Gene Defects Comprise a Higher Frequency of CD56bright NKG2A+++ Cells, and Yet Display Increased Degranulation and Higher Perforin Content. Frontiers in Immunology, 2017, 8, 798.	4.8	41
36	NFKB1 regulates human NK cell maturation and effector functions. Clinical Immunology, 2017, 175, 99-108.	3.2	38

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37	A monoallelic activating mutation in RAC2 resulting in a combined immunodeficiency. Journal of Allergy and Clinical Immunology, 2019, 143, 1649-1653.e3.	2.9	37
38	Strengthening the AntiTumor NK Cell Function for the Treatment of Ovarian Cancer. International Journal of Molecular Sciences, 2019, 20, 890.	4.1	34
39	Occurrence of Nodular Lymphocyte-Predominant Hodgkin Lymphoma in Hermansky-Pudlak Type 2 Syndrome Is Associated to Natural Killer and Natural Killer T Cell Defects. PLoS ONE, 2013, 8, e80131.	2.5	34
40	GPR56 as a novel marker identifying the CD56dull CD16+ NK cell subset both in blood stream and in inflamed peripheral tissues. International Immunology, 2010, 22, 91-100.	4.0	33
41	CTLA-4 regulates human Natural Killer cell effector functions. Clinical Immunology, 2018, 194, 43-45.	3.2	30
42	Functional characterization of natural killer cells in type I leukocyte adhesion deficiency. Blood, 2007, 109, 4873-4881.	1.4	29
43	Activin A as a Mediator of NKâ€“Dendritic Cell Functional Interactions. Journal of Immunology, 2014, 192, 1241-1248.	0.8	27
44	Distinctive Lack of CD48 Expression in Subsets of Human Dendritic Cells Tunes NK Cell Activation. Journal of Immunology, 2005, 175, 3690-3697.	0.8	26
45	Pseudorabies Virus US3 Protein Kinase Protects Infected Cells from NK Cell-Mediated Lysis via Increased Binding of the Inhibitory NK Cell Receptor CD300a. Journal of Virology, 2016, 90, 1522-1533.	3.4	26
46	NK cells and their receptors during viral infections. Immunotherapy, 2011, 3, 1075-1086.	2.0	25
47	Effects of opioid therapy on human natural killer cells. International Immunopharmacology, 2014, 18, 169-174.	3.8	24
48	In vitro treatment with concentrated growth factors (CGF) and sodium orthosilicate positively affects cell renewal in three different human cell lines. Cell Biology International, 2018, 42, 353-364.	3.0	22
49	<scp>XLP</scp>1 inhibitory effect by 2<scp>B</scp>4 does not affect <scp>DNAM</scp>â€1 and <scp>NKG</scp>2<scp>D</scp> activating pathways in <scp>NK</scp> cells. European Journal of Immunology, 2014, 44, 1526-1534.	2.9	20
50	Up-regulation of urokinase-type plasminogen activator in squamous cell carcinoma of human larynx. British Journal of Cancer, 1996, 74, 1168-1174.	6.4	18
51	Diagnosing XLP1 in patients with hemophagocytic lymphohistiocytosis. Journal of Allergy and Clinical Immunology, 2014, 134, 1381-1387.e7.	2.9	14
52	Primitive Neuroectodermal Tumor in an Ovarian Cystic Teratoma: Natural Killer and Neuroblastoma Cell Analysis. Case Reports in Oncology, 2014, 7, 70-78.	0.7	12
53	Natural killer cell hyporesponsiveness and impaired development in a CD247-deficient patient. Journal of Allergy and Clinical Immunology, 2016, 137, 942-945.e4.	2.9	12
54	The RAC2-PI3K axis regulates human NK cell maturation and function. Clinical Immunology, 2019, 208, 108257.	3.2	11

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55	FUNCTION AND SPECIFICITY OF HUMAN NATURAL KILLER CELL RECEPTORS. International Journal of Immunogenetics, 1997, 24, 455-468.	1.2	7
56	Cellular and molecular pathogenesis of X-linked lymphoproliferative disease. Current Opinion in Allergy and Clinical Immunology, 2001, 1, 513-517.	2.3	7
57	p85Î± is an intrinsic regulator of human natural killer cell effector functions. Journal of Allergy and Clinical Immunology, 2016, 138, 605-608.e3.	2.9	7
58	Combined immunodeficiency with autoimmunity caused by a homozygous missense mutation in inhibitor of nuclear factor ?B kinase alpha (IKKÎ±). Science Immunology, 2021, 6, eabf6723.	11.9	6
59	Natural killer cell impairment in ovarian clear cell carcinoma. Journal of Leukocyte Biology, 2020, 108, 1425-1434.	3.3	3
60	X-linked lymphoproliferative disease: the dark side of 2b4 function. Advances in Experimental Medicine and Biology, 2001, 495, 63-67.	1.6	3
61	From Natural Killer Cell Receptor Discovery to Characterization of Natural Killer Cell Defects in Primary Immunodeficiencies. Frontiers in Immunology, 2019, 10, 1757.	4.8	2
62	Lack of DOCK8 impairs the primary biologic functions of human NK cells and abrogates CCR7 surface expression in a WASP-independent manner. Clinical Immunology, 2022, 237, 108974.	3.2	2
63	Response to the Letter to the Editor Regarding â€œFunctional evaluation of natural killer cell cytotoxic activity in NFKB-2 mutated patientsâ€. Immunology Letters, 2018, 200, 16-17.	2.5	0
64	A novel primary human immunodeficiency due to deficiency in the WASP-interacting protein WIP. Journal of Cell Biology, 2012, 196, i1-i1.	5.2	0